

Giovanni Forni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Deviation of Ergodic Averages for Area-Preserving Flows on Surfaces of Higher Genus. <i>Annals of Mathematics</i> , 2002, 155, 1.	4.2	157
2	Invariant distributions and time averages for horocycle flows. <i>Duke Mathematical Journal</i> , 2003, 119, 465.	1.5	94
3	Solutions of the Cohomological Equation for Area-Preserving Flows on Compact Surfaces of Higher Genus. <i>Annals of Mathematics</i> , 1997, 146, 295.	4.2	56
4	On the Lyapunov Exponents of the Kontsevich–Zorich Cocycle. <i>Handbook of Dynamical Systems</i> , 2006, , 549-580.	0.6	45
5	Square-tiled cyclic covers. <i>Journal of Modern Dynamics</i> , 2011, 5, 285-318.	0.5	31
6	A geometric criterion for the nonuniform hyperbolicity of the Kontsevich–Zorich cocycle. <i>Journal of Modern Dynamics</i> , 2011, 5, 355-395.	0.5	28
7	Equidistribution of nilflows and applications to theta sums. <i>Ergodic Theory and Dynamical Systems</i> , 2006, 26, 409.	0.6	27
8	Time-changes of horocycle flows. <i>Journal of Modern Dynamics</i> , 2012, 6, 251-273.	0.5	25
9	Introduction to Teichmüller theory and its applications to dynamics of interval exchange transformations, flows on surfaces and billiards. <i>Journal of Modern Dynamics</i> , 2015, 8, 271-436.	0.5	25
10	Lyapunov spectrum of invariant subbundles of the Hodge bundle. <i>Ergodic Theory and Dynamical Systems</i> , 2012, 34, 353-408.	0.6	19
11	On the cohomological equation for nilflows. <i>Journal of Modern Dynamics</i> , 2007, 1, 37-60.	0.5	17
12	Mixing for the time-changes of Heisenberg nilflows. <i>Journal of Differential Geometry</i> , 2011, 89, .	1.1	15
13	Zero Lyapunov exponents of the Hodge bundle. <i>Commentarii Mathematici Helvetici</i> , 2014, 89, 489-535.	0.7	15
14	Sobolev regularity of solutions of the cohomological equation. <i>Ergodic Theory and Dynamical Systems</i> , 2021, 41, 685-789.	0.6	10
15	Effective equidistribution of twisted horocycle flows and horocycle maps. <i>Geometric and Functional Analysis</i> , 2016, 26, 1359-1448.	1.8	9
16	Lebesgue spectrum of countable multiplicity for conservative flows on the torus. <i>Journal of the American Mathematical Society</i> , 2021, 34, 747-813.	3.9	8
17	Mixing for smooth time-changes of general nilflows. <i>Advances in Mathematics</i> , 2021, 385, 107759.	1.1	7
18	Invariant distributions for homogeneous flows and affine transformations. <i>Journal of Modern Dynamics</i> , 2016, 10, 33-79.	0.5	6

#	ARTICLE	IF	CITATIONS
19	On the equidistribution of unstable curves for pseudo-Anosov diffeomorphisms of compact surfaces. Ergodic Theory and Dynamical Systems, 2022, 42, 855-880.	0.6	4
20	Limits of geodesic push-forwards of horocycle invariant measures. Ergodic Theory and Dynamical Systems, 2021, 41, 2782-2804.	0.6	3
21	On the Brin Prize work of Artur Avila in Teichmüller dynamics and interval-exchange transformations. Journal of Modern Dynamics, 2012, 6, 139-182.	0.5	2
22	Quaternionic covers and monodromy of the Kontsevich-Zorich cocycle in orthogonal groups. Journal of the European Mathematical Society, 2017, 20, 165-198.	1.4	0
23	Twisted cohomological equations for translation flows. Ergodic Theory and Dynamical Systems, 0, , 1-36.	0.6	0